

SELECTIVE ENGAGEMENT OF MOTION DETECTION

ABSTRACT

A motion controlled handheld device includes a display having a viewable surface and operable to generate an image. The device includes a motion detection module operable to detect motion of the device within three dimensions and to
5 identify components of the motion in relation to the viewable surface. The device also includes a motion response module operable to identify a base reference position, to track the motion of the device in relation to the base reference position, to modify the image in response to the motion, to detect a predetermined pattern of motion of the device, to maintain the image without adjustment during the predetermined pattern
10 of motion, to detect a completion of the predetermined pattern of motion, and to reset the base reference position upon detecting completion of the predetermined pattern of motion.